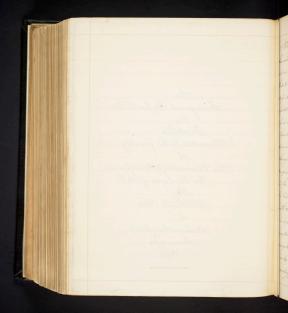
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Ano Inaugural Difsertation Diabetes Presented to the faculty The University of Pennsylvania For the degree of M.D. By Albert R. Ober Goshen: Maryland. 1829



Notwithstanding our acquaintance with this dians get we must unquestionably be led to acknowledge that it is exceedingly difficult to a sign a correct definition for the town diabetes. By bullow it is abouted that this disease consists much in the victing Law unwalled large quantity of wine whilst by thus it is maintained apparently with equal plansibility that the wine itself undergoes considerable change. There is in my opinion no question of the prepriety of including both views of the subject in the street definition of the turn. It is believed by bullow that this disease is sometimes connected with calculous affections of the kidneys, and that an initation applied to them may increase the singular change produced in the wine is not so easily explained. If we be premitted to argue from analogy, I think, fewer obstacles will serve in



should be inclined to imagine. Oh attempting the again of the human system when they a watraneous matter to them whether they do amsidered as tenable we cannot but infer that the hidneys are governed by laws equally as digatory as those by which other organs are influenced; a must it be allowed that they can become decauged and still retain the power of offending an unaltered secretion which would be claiming a ground that we are by us means entitled to Alanger arguments in support of



of suitable medicines and having prevented the predisposition to the deposition of winay calculi by the use of a proper diet, the discore will in very many instances reaso. It is belie red by some authors who have written upon this affection that the live is somewhat conscined being altred from its natural appearance; to the other hand this reasoning will not appear conclusion when we reflect that diabeter has prevailed without the Goes having experienced incontestibly established. "He may therefore res tual in producing diabeter is altogether nugatouf, hypothetical and in no way solis factory. The division of this disease made



by miters is into diabeter insipidus and mellitos Consuring in the opinion expected by some anthere that it should in its most proper unde be confined to the latter species I shall thurface limit my remarks to the consideration of it almo. Of this disease the ancients have furnished in no record in their writing guthial would lead us to believe they properfeel any very distinct a correct notions of its patholo y, cause a manner of heatment. It was not until the year 1084 that we obtained my regular account of it. At this period the celebrated Willis of preased and distipated the cloud which had previously obscured t. By Collew the idea was entertained that the previouate cause depended on some fault in the aprimilatory provers, but from this would beg leave to differ and contend that the remote cause rather depended



whose a depravation of those powers. Thereasen is very obvious and intelligible that it is requisite that matter should be applied directly to as again in ada to effect so immediate and wonderful a revolution. The course which sine rin to this affection are ingester of various kinds expecially those articles that are house and initating. medicines of a stimulating character are also very productive of it. It is stated that the phenomena of disbeter can only be explained whow the principle of the retrograde motion of some of the branches The absorbent system It would seem that all the branches of the absorbent system have acertain sympathy with each other. The kind of sympathy which with between them most probably depends on habit . These are the views of Danvin as mentioned in his Zomonia. This retrograde medion of the



absorbents caused an immense quantity of wine have been priviously drawn. From raperiment made by of Philips willow with a view to determine the circumstances, which give appear that the pearlianty of the deposition depended in a great measure on the kind and quality of the ford consumed of this be two it will me doubt have a powerful influence in demonstrating to in the most efficient place to be present in the treatment of this hithert obstinate disease. That this opinion is not entirely without some shadow of support we have not only his own experiments to convince us, but cases which have been oured by relying on the means that there cooperis ments have suggested as the most proper



eareful in herfarming his experiments, therefore we may conclude that caund be far from accurate. In an experiment upon himself he drawer, that living partly on an imal and partly on regetable ford and at the same time taking a acutain degree of exercise, man ming, midday and evening and setting apart a portion of wine in clean refeels after primit ling them to stand for 48 hours, he found in each of them a deposition, which had the appearance of a fine red sand precisely similar to the brick coloured sediment, which is depointed by the wine towards the dealine of febrile diseases and which after Vaheele he denominated the lithis asid a sychia and change in the wine, the Amark becomes uneary particularly after coting



socacions appetito, which is me of the most commen symptomes, the muous in the month becomes think and lonavious, or the month is said to be sometimes dut, longue foul, depear wed taste; dry husky skine, the bowels and alon costine pain and heavine fo in the lumber region. If the disease be allowed to continue its course, all the symptoms enumerated, become aggravated and are followed by los of strongth and emaciation. The disease not terminating suddenly, hootic favor and in emable dropsy ensus. The pulse is usually Now and feeble, though febrile wine is some times exampline varying in quantity from the usual discharge, even to thirty pinto in twenty four hours. This disease may almost be considered as horeditary as some families appear peauliarly predisposed to it with me I'am particularly conversant where



toccurred surrespically in several of the Sudividual The diagnosis with the above symptoms is view is not at all difficult, but should thewany case arise in which thew prevailed the dighted very readily be determined by analysing the wine. The prognosis sound quite so easily be formed. The disease for the most part presents in these, who are properled of shallored and depraved constitutions. He may however prog noticate with considerable containly of ourands when there is a diminution of thirst and deine in ford, which are ment characteristic symp sowels becoming more relaxed, aw alteration in the condition of the Min and when there and energy. Whom symptoms the opposite



f what have been mentioned ream consequently we have but a faint propert of effecting a perfect ame, although perhaps we may neathfrelien the sufferings of one palants. The appearances no post motern communations an exercedingly various, Sometimes the Splan, Imarcas and Live are found in a decauged state but inthe majority of instances the Ridneys will be found to have suffered the most complete disagninga tion. They are sometimes inodinately flacaid inflamed and of aw ash-colour. The bladder is recasionally thickened and diminished in volume. The obyloposities bisona about named are not always implicated, but the line and hidneys generally experience the greatest disorder. The Pathology of diabeter is as yet very uncertained he arguments in favour of the gartrie origin of this affection appear to



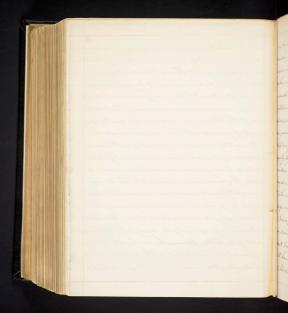
proper more wight than those, which are advan sed in the opposite side. In my parts and so no inconsistency in Cocaling this amplaint primarily in the Amach and that the kidney are indirectly affected, And further in order that I may not seem to contradial an idea already brought forward I will maintain as my caudid opinion, that the Amach may be cutively prevented from increasing the disease and that after the kidney have become more involved the disease may continue its progress wholly independent of any influence which the stomach had previously souted we it. The phenomena of diabeter are vertainly very curious, but is it more astonishing that the kidneys should worte saacharine matter than they should deareto wea, and there is no doubt that they take no this mobil action in both cases from previous disorder of the



digestive again." These notions with regard to its being of gastrie origin & deem to be not altogether withat some claims to notice and outainly derive much confirmation from the result of the treatment, which to be most succepful must be directed to the digestine apparatus. Previous to the appearance of the veletrated Rolls the most expedient plan to be pursued in the heat ment of this affection was unknown to practi tioner. It was the discoveries, which were made by him, that in a wonderful degree landed to banish that empirious which had so long existed. If it be admitted that the digestion again are primarily oncouned in the forma tion of this disease of course as in all other affections we should commence at the enua and endeavour to correct their defraved on -dition. With this view of the subject it will be most proper in the first place to wasnot



the prince via and for this purpose awanted of Specaranha is considered as the best article that can be used. I hould there exist much sickness and nausea mild purgatives may be resulted to as Ahubarb, magnesia to, a should use of the blue pill holds out the greatest per peol of success. After having cleaned the alimentary canal sufficiently by the admin istration of Cathactics, we should then lay them wide only using them now and then in notes to keep the bowels in a soluble state. The Imies and abstringents may most be exhibited with great propriety. Of these a wast variety have beco employed such as Back, attel, a Hopeh, thing latecher and especially the chaly scale proposations and of the latter species the carbonate ofolion appears to have attracted the greatest have of attention very recently the Phophate goton



14 besines with small down as and ore gradually augmenting it to si there a four times a day. Dover thinks he has drived on sitation is a remarkably common accompanionent on the disease and as it is advisable to allay this, the sutispassed in are generally resorted to The most effectual active of that class is unquestionably opines. At this period the skin is would dry and hard and for the purpose of producing misture and relaxing the surface, nothing mno suitable saw be adopted than the employment of the warm both toother with frictions. The bains despandies weals proper and the article must generally preferred is that of I were powder. not with standing we may have decayed and shallered constitutions to deal with we should not lose sight of the immense advantage, which is all hands is allowed to account from the abstraction



contany, Modelling should not be sparingly used according to some authors of much local pain should be present, topical bleeding by cops and lushes may be beneficiolizan -played, after which a blister may be applied over the lumbar region and continued for a considerable length of time. Little will all our remedies offert unless the tricted attention be paid to a proper regimen my Presepta infamed me he had accomplished perfect cures in several members of the same family by en fining the patients to the use of awarincal dict and not allowing them was, a partiale of begetable food, The propriety of this course was suggested to kine ne reading the experiments of at. Wilson Philips, aw account of which is affaded in his invaluable treatise no febrile diseased to consequence of prequent relapses in this complaint we should particularly injoin no our patients to be extremely careful to avoid all them things, which are regarded as exceiting sauces.

